

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2002	
APPROPRIATION/BUDGET ACTIVITY Defense Wide RDT&E (0400) Budget Activity Six							R-1 ITEM NOMENCLATURE Foreign Comparative Testing (FCT) PE 0605130D		
COST <i>(In Millions)</i>	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Cost to Complete	Total Cost
Total Program Element (PE) Cost	31.405	34.839	31.670	32.392	33.412	34.074	34.721	Continuing	Continuing

A. (U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The mission of the FCT program is to test and evaluate foreign non-developmental items (NDI) identified by the CINCs and Services in order to avoid costly and time-consuming U.S. new start acquisition programs. The FCT program is Congressionally mandated in Title 10, USC, Section 2350a. FCT tests and evaluates conventional defense equipment, munitions, and technologies manufactured and developed by major allies of the United States and other friendly foreign countries to determine the ability of such equipment, munitions, and technologies to satisfy United States military requirements or to correct operational deficiencies. While the testing of NDI and items in the late state of the development process are preferred, the testing of equipment, munitions, and technologies may be conducted to determine procurement alternatives. FCT projects are nominated by the Services and U.S. Special Operations Command (SOCOM) each year and submitted to Congress for approval prior to expenditure of funds.

This Research Category 6.5 is assigned and identified in this descriptive summary in accordance with existing DoD policy.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

FY 2001 Accomplishments:

- Completed Anti-Jam GPS Antenna (GAS-1N)
- Completed Combat Vehicle Crew Fire Extinguisher
- Completed Combat Vehicle Troop Seat
- Completed F-15 Countermeasures Dispenser (BOL)
- Completed Joint RAAWS Ammo Upgrade Phase II
- Completed Lightweight Hand Grenade
- Completed Mine Protected Clearance Vehicle
- Completed Space Qualified Digital Signal Processor
- Completed Stealth Screen
- Completed Wind Tunnel Internal Force Balance

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- Continued Advanced Lightweight Grenade Launcher Ammunition
- Continued Gunfire Detection System
- Continued High Performance Hydraulic Pump for AAV
- Continued Infrared Flare for C-17
- Continued Joint Protective Aircrew Ensemble
- Continued Large Aircraft Decontamination System
- Continued Less Sensitive RDX
- Continued Lightweight Aluminum Track for AAV
- Continued Lightweight Chemical Agent Detector
- Continued Lightweight Diesel Driven Auxiliary Power Unit for AAV
- Continued MC-130H Air Refueling System Pod
- Continued Micro Satellite for Space Experiments
- Continued Parachute Leaflet Delivery System
- Continued Plastic Practice Bombs
- Continued Retractable Arresting Cable System
- Continued Star Tracker
- Continued Wide Band Klystron for E-3 AWACS
- Initiated and completed Antenna Mast for Tactical Mobile Communications
- Initiated and completed Expeditionary Airfield Light-Duty Mat System
- Initiated and completed IR/UV Threat Simulator
- Initiated and completed Muzzle Brake/Suppressors
- Initiated and completed Personal Temperature Regulation System
- Initiated and completed Submarine Torpedo Room Berthing Pod
- Initiated and completed Tactical Long Range Passive IR Sensor
- Initiated and completed Unattended Ground Imager
- Initiated Advanced Demolition Weapons
- Initiated Airborne Video Recorder/Replay System
- Initiated Bradley Fighting Vehicle Long-Life Roadwheels
- Initiated Chemical Protective Gloves
- Initiated Driver's Vision Enhancer
- Initiated Floating Smoke Pot Components
- Initiated High Mobility Excavator
- Initiated MAAWS Illumination Round
- Initiated Man Portable Multisensor System
- Initiated Multi-Bandwidth Submarine Antenna

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- Initiated Optically Improved SADA II
- Initiated Prophet Ground
- Initiated Skin/Open Wound Decontamination
- Initiated Tactical Geographic Information System, Maria
- Initiated Very Low Frequency (VLF)/Low Frequency (LF) Composite Bushing Replacement

FY 2002 Plans: (FY02 new starts & continuing projects)

Fund the following new or continuing foreign system tests and evaluations and/or technology assessments to include:

- Complete Advanced Lightweight Grenade Launcher Ammunition
- Complete Airborne Video Recorder/Replay System
- Complete Bradley Fighting Vehicle Roadwheels
- Complete Chemical Protective Gloves
- Complete Driver's Vision Enhancer
- Complete Floating Smoke Pot Components
- Complete Gunfire Detection System
- Complete High Mobility Excavator
- Complete High Performance Hydraulic Pump
- Complete Infrared Flare for C-17
- Complete Joint Protective Aircrew Ensemble
- Complete Large Aircraft Decontamination System
- Complete Less Sensitive RDX
- Complete Lightweight Aluminum Track for AAV
- Complete Lightweight Chemical Agent Detector
- Complete Lightweight Diesel Driven Auxiliary Power Unit for AAV
- Complete Man Portable Multi-Sensor System
- Complete MC-130H Aerial Refueling System Pod
- Complete Micro-Satellite for Space Experiments
- Complete Multi-Bandwidth Submarine Antenna
- Complete Optically Improved SADA II
- Complete Parachute Leaflet Delivery System
- Complete Plastic Practice Bombs
- Complete Prophet Ground
- Complete Retractable Arresting Cable System
- Complete Skin/Open Wound Decontamination

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- Complete Star Tracker
- Complete Tactical Geographical Information System
- Complete VLF/LF Composite Bushing Replacement Project
- Complete Wide-band Klystron for E-3 AWACS
- Continue Advanced Demolition Weapons
- Continue MAAWS IR Illumination Round
- Initiate and complete 7.62mm Lightweight Machine Gun
- Initiate and complete Laser Obstacle Avoidance System
- Initiate and complete Self-Regulating Anti-G Ensemble
- Initiate and complete Stand Alone Cooling Suit
- Initiate 40mm Dud Reducing Ammo
- Initiate Communications Distribution System
- Initiate Digital Flight Control System for EA-6B
- Initiate High Frequency Adaptive Antenna Receive System
- Initiate NBC Multi-purpose Sock
- Initiate Self-Destruct Fuze for MLRS
- New Start – Initiate Eagle Vision Upgrade (30 day Congressional notification to be forwarded separately)

FY 2003 Plans: (FY2002 Continuing Projects)

Fund approximately 44 new or continuing foreign system tests and evaluations and/or technology assessments to include:

- Complete Advanced Demolition Weapons
- Complete Communications Distribution System
- Complete Digital Flight Control System for EA-6B
- Complete Eagle Vision Upgrade
- Complete High Frequency Adaptive Antenna Receive System
- Complete NBC Multi-purpose Sock
- Complete Self Destruct Fuze for MLRS
- Continue 40mm Dud Reducing Ammo
- Continue MAAWS IR Illumination Round
- Initiate Supersonic Target Missile (This project was approved as a FY2001 new start but deferred pending resolution of export control issues.)

FY 2004 Plans: (FY2003 Continuing Projects)

Fund approximately 44 new or continuing foreign system tests and evaluations and/or technology assessments to include:

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- Complete 40mm Dud Reducing Ammo
- Complete MAAWS IR Illumination Round
- Complete Supersonic Target Missile

(U) PROGRAM CHANGE SUMMARY:

(U) <u>B. Program Change Summary</u>	<u>FY2001</u>	<u>FY2002¹</u>	<u>FY2003¹</u>	<u>FY2004¹</u>	<u>FY2005¹</u>	<u>Total Cost</u>
Previous President's FY2002 Budget Submit	31.697	31.837	32.835	32.835	32.835	Continuing
Delta	(.292)	(.930)	(1.077)	(.236)	0.888	Continuing
FY2002 Amended President's Budget Submit	31.405	30.907	31.758	32.599	33.723	Continuing
Appropriated Value	31.697	30.907	31.758	32.599	33.723	Continuing
Adjustments to Appropriated Value						
a. Section 8086 Reduction of .07%	(0.222)	0.000	0.000	0.000	0.000	
b. OSD Directed Undistributed Reduction	0.000	0.000	0.000	0.000	0.000	
c. Other	(0.070)	+ 3.932	(0.088)	(0.207)	(0.311)	
Current President's Budget	31.405	34.839	31.670	32.392	33.412	Continuing

C. **(U) OTHER PROGRAM FUNDING** NA

D. **(U) EXECUTION** NA

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